

Converting Colors

$Yxy(76.3034, 0.2958, 0.3224)$

Have a look what the booklet for
Yxy(76.3034, 0.2958, 0.3224)
contains.

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Color

Yxy(76.3514, 0.2957, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	D2E6EC
RGB	210, 230, 236
RGB Percent	82%, 90%, 93%
CMY	0.1766, 0.0980, 0.0746
CMYK	0.11, 0.03, 0.00, 0.07
HSL	194°, 41%, 87%
HSV	194°, 11%, 93%
XYZ	70.0065, 76.3514, 90.3906
YIQ	224.7040, -13.8460, -2.3740

Conversions

Conversions Part 2

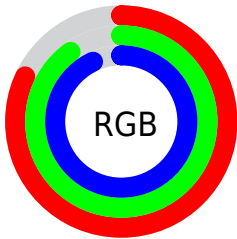
Format	Color
R _Y B	210, 221, 236
Decimal	13821676
CIE Lab	90.02, -5.44, -5.17
CIE LCh	90, 7.509, 223.523
Yxy	76.3514, 0.2957, 0.3225
Android (android.graphics.Color)	4292011756 (0xFFD2E6EC)
YUV	224.7040, 5.5689, -12.8954
Hunter-Lab	87.3793, -9.9031, -0.1678

Details

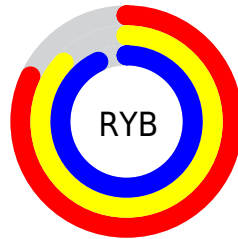
The Yxy color **76.3514, 0.2957, 0.3225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5615, 0.3316, 0.3354**, and the grayscale version is **75.0361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9238, 0.2917, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **70.1761, 0.2805, 0.3160**, and if you desaturate by 10%, it is **83.1373, 0.3111, 0.3284**.

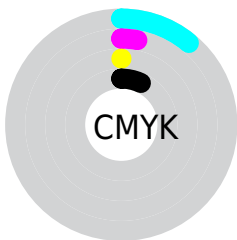
Distribution



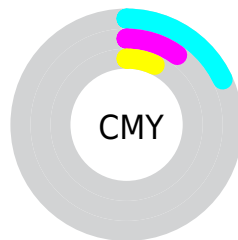
- Red (82%)
- Green (90%)
- Blue (93%)



- Red (82%)
- Yellow (87%)
- Blue (93%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3514, 0.2957, 0.3225 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 76.3514, 0.2957, 0.3225 by changing the saturation by 10% instead.

■ 76.3514, 0.2957,
0.3225

■ 76.3514, 0.2957,
0.3225

482.5498, 0.3035,
0.3255

■ 56.7207, 0.2939,
0.3218

128.2235, 0.2984,
0.3236

■ 40.7810, 0.2918,
0.3209

161.2337, 0.2994,
0.3240

■ 28.1480, 0.2891,
0.3198

199.4725, 0.3003,
0.3243

■ 18.4373, 0.2856,
0.3184

243.3244, 0.3011,
0.3246

■ 11.2644, 0.2808,
0.3164

293.1736, 0.3018,
0.3249

■ 6.2450, 0.2741,
0.3135

349.4047, 0.3024,

■ 2.9946, 0.2637,

0.3251

0.3088

412.4019, 0.3030,
0.3254

■ 1.1289, 0.2459,
0.3004

■ 0.0025, 0.0000,
0.0067

■ 76.3514, 0.2957,
0.3225

■ 76.3514, 0.2957,
0.3225

■ 70.1761, 0.2805,
0.3160

■ 83.1373, 0.3111,
0.3284

■ 64.5789, 0.2659,
0.3089

■ 90.1329, 0.3251,
0.3338

■ 59.5380, 0.2521,
0.3014

■ 93.3831, 0.3246,
0.3390

■ 55.0268, 0.2395,
0.2934

■ 96.7293, 0.3241,
0.3442

■ 51.0159, 0.2285,
0.2851

■ 98.8352, 0.3238,
0.3474

■ 47.4726, 0.2193,
0.2766

■ 44.3595, 0.2120,
0.2680

■ 41.6322, 0.2067,
0.2595

■ 39.4477, 0.2033,
0.2520

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3514, 0.2993, 0.3305



76.3514, 0.2957, 0.3225



76.3514, 0.2966, 0.3165

Triad

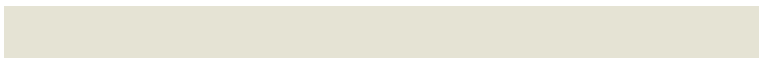
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3514, 0.2957, 0.3225



76.3514, 0.3189, 0.3202



76.3514, 0.3236, 0.3445

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.3514, 0.2957, 0.3225



71.5615, 0.3316, 0.3354

Split Complementary

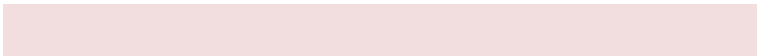
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3514, 0.3291, 0.3414



76.3514, 0.2957, 0.3225



76.3514, 0.3263, 0.3274

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3514, 0.2957, 0.3225



76.3514, 0.3099, 0.3152



76.3514, 0.3301, 0.3351



76.3514, 0.3153, 0.3433

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



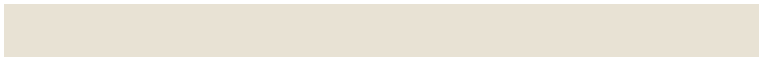
76.3514, 0.2957, 0.3225



76.3514, 0.2996, 0.3143



76.3514, 0.3301, 0.3351



76.3514, 0.3259, 0.3439

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.3546, 0.2957, 0.3225



97.4632, 0.3081, 0.3273



78.6161, 0.3079, 0.3513



20.7185, 0.3068, 0.3268



0.0000, 0.0000, 0.0000



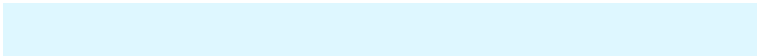
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3546, 0.2957, 0.3225



89.4892, 0.2926, 0.3212



69.5537, 0.2955, 0.3086



16.5018, 0.2981, 0.3235



21.9528, 0.2037, 0.2533



1.8664, 0.2070, 0.2650

Inverse Universe

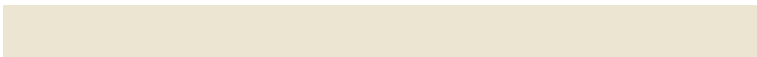
The Inverse Universe completely reimagines the original color for something new.



69.6223, 0.3181, 0.3080



80.1627, 0.3192, 0.3040



78.3063, 0.3301, 0.3487



15.2512, 0.3173, 0.3110



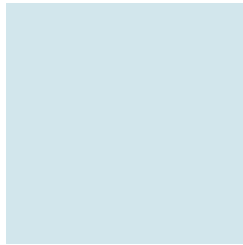
11.7090, 0.3889, 0.1916



0.9338, 0.3776, 0.1854

Previews

White Background



This preview shows how the Yxy color 76.3514, 0.2957, 0.3225 looks on a white background.

Color Contrast Check

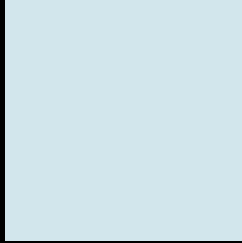
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 76.3514, 0.2957, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

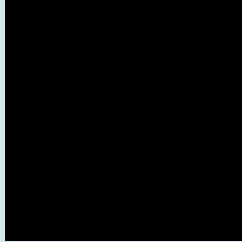
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

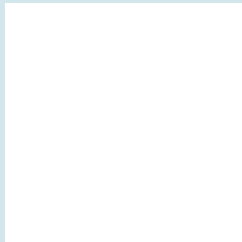
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3514, 0.2957, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 76.3514, 0.2957, 0.3225.

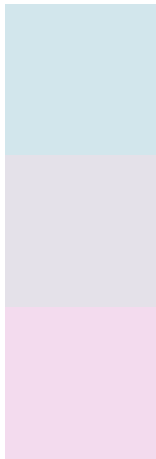


This preview shows how white text looks on a background with the Yxy color 76.3514, 0.2957, 0.3225.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



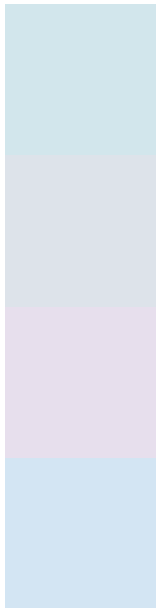
Original Color
76.3514, 0.2957, 0.3225
Protanopia
76.2276, 0.3096, 0.3206
Deuteranopia
75.8908, 0.3172, 0.3097



Tritanopia

76.1993, 0.2904, 0.3087

Trichromacy



Original Color

76.3514, 0.2957, 0.3225

Protanomaly

76.2508, 0.3042, 0.3215

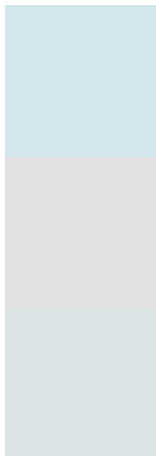
Deuteranomaly

75.8787, 0.3092, 0.3144

Tritanomaly

76.3586, 0.2922, 0.3140

Monochromacy



Original Color

76.3514, 0.2957, 0.3225

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.8110, 0.3066, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3514, 0.2957, 0.3225 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 230, 236)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 230, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 236) }
```

Border

The CSS property to change the border of an element to Yxy 76.3514, 0.2957, 0.3225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 230, 236) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 230, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 230, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 236);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3514, 0.2957, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
230, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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